

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 7, 2005, 22:58:55 ; Search time 165 Seconds
(without alignments)
266.261 Million cell updates/sec

Title: US-10-027-603-2

Perfect score: 589

Sequence: 1 MRCATRVSMILLVTVSDCA.....CSRFPDGRVRCSDMLKNINF 105

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 1500 summaries

Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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| 75 | 589 | 100.0 | 105 | 11 | US-09-969-984-11 |
| 76 | 589 | 100.0 | 105 | 13 | US-10-016-481-2 |
| 77 | 589 | 100.0 | 105 | 13 | US-10-027-603-2 |
| 100 | 589 | 100.0 | 105 | 14 | US-10-132-812-16 |
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Pro 9821

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| 654 | 589 | 100.0 | 105 | 18 | US-10-503-554A-84 | Sequence 84, Appli |
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| 656 | 589 | 100.0 | 105 | 18 | US-10-982-168-5 | Sequence 5, Appli |
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| 658 | 589 | 99.8 | 105 | 14 | US-10-132-812-18 | Sequence 18, Appli |
| 659 | 589 | 99.8 | 105 | 15 | US-10-333-192-22 | Sequence 22, Appli |
| 660 | 589 | 99.8 | 105 | 17 | US-10-467-554-3 | Sequence 3, Appli |
| 661 | 589 | 99.8 | 105 | 18 | US-10-503-554A-83 | Sequence 83, Appli |
| 662 | 572 | 97.1 | 105 | 18 | US-10-977-113-30 | Sequence 30, Appli |
| 663 | 545 | 92.5 | 105 | 15 | US-10-470-951-31 | Sequence 31, Appli |
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| 668 | 541 | 91.9 | 105 | 18 | US-10-503-554A-136 | Sequence 136, App |
| 669 | 539 | 91.5 | 105 | 16 | US-10-470-951-33 | Sequence 33, Appli |
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Ab to 246

Pro 98171

Pro 9835

Pro 9844

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| 710 | 478 | 81.2 | 86 | 16 | US-10-713-567-17 | Sequence 17, Appl | 783 | 303 | 51.4 | 108 | 16 | US-10-680-800A-2 | Sequence 2, Appl |
| 711 | 478 | 81.2 | 86 | 17 | US-10-811-328-17 | Sequence 17, Appl | 784 | 303 | 51.4 | 108 | 16 | US-10-713-567-5 | Sequence 5, Appl |
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| 714 | 476 | 80.8 | 82 | 18 | US-10-977-113-11 | Sequence 11, Appl | 787 | 303 | 51.4 | 108 | 17 | US-10-415-724-5 | Sequence 5, Appl |
| 715 | 473 | 80.3 | 86 | 15 | US-10-470-951-37 | Sequence 37, Appl | 788 | 303 | 51.4 | 108 | 18 | US-10-990-246-2 | Sequence 2, Appl |
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| 720 | 473 | 80.3 | 86 | 18 | US-10-503-554A-138 | Sequence 138, Appl | 793 | 300 | 50.9 | 108 | 16 | US-10-713-567-34 | Sequence 34, Appl |
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| 722 | 469 | 79.6 | 86 | 16 | US-10-362-504-53 | Sequence 53, Appl | 795 | 298 | 50.6 | 107 | 14 | US-10-132-812-10 | Sequence 10, Appl |
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| 733 | 455 | 77.2 | 86 | 18 | US-10-871-152-23 | Sequence 23, Appl | 806 | 291 | 49.4 | 81 | 15 | US-10-417-426-5 | Sequence 5, Appl |
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| 736 | 413 | 70.1 | 86 | 14 | US-10-323-157-14 | Sequence 14, Appl | 809 | 291 | 49.4 | 81 | 16 | US-10-713-567-6 | Sequence 6, Appl |
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| 741 | 413 | 70.1 | 86 | 17 | US-10-912-907-14 | Sequence 14, Appl | 814 | 291 | 49.4 | 81 | 18 | US-10-871-152-18 | Sequence 18, Appl |
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| 748 | 376 | 63.8 | 81 | 16 | US-10-680-554-15 | Sequence 15, Appl | 821 | 287.5 | 48.8 | 96 | 17 | US-10-912-907-11 | Sequence 11, Appl |
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| 754 | 376 | 63.8 | 81 | 18 | US-10-871-152-27 | Sequence 27, Appl | 827 | 286 | 48.6 | 81 | 16 | US-10-680-554-9 | Sequence 9, Appl |
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| 766 | 310.5 | 52.7 | 81 | 14 | US-10-132-812-19 | Sequence 19, Appl | 839 | 278.5 | 47.3 | 77 | 16 | US-10-680-554-14 | Sequence 14, Appl |
| 767 | 310.5 | 52.7 | 81 | 14 | US-10-323-157-12 | Sequence 12, Appl | 840 | 278.5 | 47.3 | 77 | 16 | US-10-713-567-32 | Sequence 32, Appl |
| 768 | 310.5 | 52.7 | 81 | 16 | US-10-680-554-12 | Sequence 12, Appl | 841 | 278.5 | 47.3 | 77 | 17 | US-10-811-328-32 | Sequence 32, Appl |
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| 771 | 310.5 | 52.7 | 81 | 17 | US-10-912-907-12 | Sequence 12, Appl | 844 | 267.5 | 45.4 | 77 | 16 | US-10-680-554-13 | Sequence 13, Appl |
| 772 | 310.5 | 52.7 | 81 | 17 | US-10-415-724-12 | Sequence 12, Appl | 845 | 267.5 | 45.4 | 77 | 18 | US-10-977-113-14 | Sequence 14, Appl |
| 773 | 306 | 52.0 | 100 | 9 | US-09-886-242A-4 | Sequence 4, Appl | 846 | 267.5 | 45.4 | 77 | 18 | US-10-871-152-24 | Sequence 24, Appl |
| 774 | 306 | 52.0 | 100 | 13 | US-10-027-603-4 | Sequence 4, Appl | 847 | 265.5 | 45.1 | 102 | 15 | US-10-417-426-8 | Sequence 8, Appl |
| 775 | 306 | 52.0 | 100 | 17 | US-10-692-299-4 | Sequence 4, Appl | 848 | 265.5 | 45.1 | 102 | 18 | US-10-871-152-21 | Sequence 21, Appl |

| | | | | | | |
|------|-------|------|-----|----|--------------------|-------------------|
| 849 | 251.5 | 42.7 | 100 | 15 | US-10-417-426-6 | Sequence 6, Appli |
| 850 | 251.5 | 42.7 | 100 | 18 | US-10-871-152-19 | Sequence 19, Appl |
| 851 | 250.5 | 42.5 | 75 | 15 | US-10-417-426-12 | Sequence 12, Appl |
| 852 | 250.5 | 42.5 | 75 | 18 | US-10-977-113-13 | Sequence 13, Appl |
| 853 | 250.5 | 42.5 | 75 | 18 | US-10-871-152-25 | Sequence 25, Appl |
| 854 | 216.5 | 36.8 | 118 | 14 | US-10-132-812-8 | Sequence 8, Appli |
| 855 | 109 | 18.5 | 23 | 16 | US-10-680-755A-9 | Sequence 9, Appli |
| 856 | 109 | 18.5 | 23 | 16 | US-10-680-800A-9 | Sequence 32, Appl |
| 857 | 107.5 | 18.3 | 161 | 15 | US-10-287-971-32 | Sequence 9, Appli |
| 858 | 107.5 | 18.3 | 173 | 15 | US-10-287-971-30 | Sequence 30, Appl |
| 859 | 107.5 | 18.3 | 180 | 15 | US-10-287-971-34 | Sequence 34, Appl |
| 860 | 107.5 | 18.3 | 224 | 9 | US-09-976-736-14 | Sequence 14, Appl |
| 861 | 107.5 | 18.3 | 224 | 10 | US-09-972-473-5 | Sequence 5, Appli |
| 862 | 107.5 | 18.3 | 224 | 11 | US-09-972-473-5 | Sequence 5, Appli |
| 863 | 107.5 | 18.3 | 224 | 15 | US-10-295-027-628 | Sequence 628, App |
| 864 | 107.5 | 18.3 | 224 | 15 | US-10-287-971-28 | Sequence 28, Appl |
| 865 | 107.5 | 18.3 | 224 | 16 | US-10-408-765A-335 | Sequence 335, App |
| 866 | 107.5 | 18.3 | 224 | 17 | US-10-819-054-5 | Sequence 5, Appli |
| 867 | 107.5 | 18.3 | 224 | 18 | US-10-998-271-14 | Sequence 14, Appl |
| 868 | 107.5 | 18.3 | 344 | 14 | US-10-201-310-3 | Sequence 3, Appli |
| 869 | 107.5 | 18.3 | 350 | 10 | US-09-972-473-38 | Sequence 38, Appl |
| 870 | 107.5 | 18.3 | 350 | 11 | US-09-972-473-38 | Sequence 38, Appl |
| 871 | 107.5 | 18.3 | 350 | 17 | US-10-819-054-38 | Sequence 38, Appl |
| 872 | 105.5 | 17.9 | 223 | 14 | US-10-271-628-4 | Sequence 4, Appli |
| 873 | 105.5 | 17.9 | 223 | 20 | US-11-056-562-4 | Sequence 4, Appli |
| 874 | 102 | 17.3 | 179 | 10 | US-09-972-473-11 | Sequence 11, Appl |
| 875 | 102 | 17.3 | 179 | 11 | US-09-972-473-11 | Sequence 11, Appl |
| 876 | 102 | 17.3 | 179 | 15 | US-10-351-275-6 | Sequence 6, Appli |
| 877 | 102 | 17.3 | 179 | 17 | US-10-819-054-11 | Sequence 11, Appl |
| 878 | 102 | 17.3 | 207 | 9 | US-09-976-736-13 | Sequence 13, Appl |
| 879 | 102 | 17.3 | 207 | 18 | US-10-998-271-13 | Sequence 13, Appl |
| 880 | 102 | 17.3 | 259 | 9 | US-09-976-736-12 | Sequence 12, Appl |
| 1325 | 102 | 17.3 | 259 | 14 | US-10-271-628-2 | Sequence 2, Appli |
| 1377 | 102 | 17.3 | 259 | 14 | US-10-174-587-250 | Sequence 250, App |
| 1417 | 102 | 17.3 | 259 | 14 | US-10-013-909A-70 | Sequence 70, Appl |
| 1456 | 102 | 17.3 | 259 | 15 | US-10-295-027-679 | Sequence 679, App |
| 1459 | 102 | 17.3 | 259 | 15 | US-10-351-275-4 | Sequence 4, Appli |
| 1470 | 102 | 17.3 | 259 | 18 | US-10-998-271-12 | Sequence 12, Appl |
| 1474 | 102 | 17.3 | 259 | 20 | US-11-056-562-2 | Sequence 2, Appli |
| 1475 | 102 | 17.3 | 259 | 20 | US-11-025-607-70 | Sequence 70, Appl |
| 1476 | 102 | 17.3 | 263 | 10 | US-09-972-473-21 | Sequence 21, Appl |
| 1477 | 102 | 17.3 | 263 | 11 | US-09-972-473-21 | Sequence 21, Appl |
| 1478 | 101 | 17.1 | 259 | 9 | US-10-819-054-21 | Sequence 21, Appl |
| 1479 | 101 | 17.1 | 259 | 9 | US-09-976-736-11 | Sequence 11, Appl |
| 1480 | 101 | 17.1 | 259 | 18 | US-10-998-271-11 | Sequence 11, Appl |
| 1481 | 101 | 17.1 | 272 | 10 | US-09-972-473-36 | Sequence 36, Appl |
| 1482 | 101 | 17.1 | 272 | 11 | US-09-972-473-36 | Sequence 36, Appl |
| 1483 | 101 | 17.1 | 272 | 17 | US-10-819-054-36 | Sequence 36, Appl |
| 1484 | 100.5 | 17.1 | 83 | 9 | US-09-886-242A-6 | Sequence 6, Appli |
| 1485 | 100.5 | 17.1 | 83 | 13 | US-10-027-603-6 | Sequence 6, Appli |
| 1486 | 100.5 | 17.1 | 83 | 17 | US-10-692-299-6 | Sequence 6, Appli |
| 1487 | 100.5 | 17.1 | 215 | 15 | US-10-104-047-2196 | Sequence 2196, Ap |
| 1490 | 100.5 | 17.1 | 350 | 9 | US-09-905-291A-236 | Sequence 236, App |
| 1491 | 100.5 | 17.1 | 350 | 9 | US-09-976-736-9 | Sequence 9, Appli |
| 1496 | 100.5 | 17.1 | 350 | 10 | US-09-918-715-202 | Sequence 202, App |

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